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... unique data types for the memory **objects**, then we ... Xen **API** re- sembles the hardware
API, even using ... hardware iret instruction to transition from **kernel** to user. ...

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... processing in the host **kernel** is naturally ... implementation of remote Linsock **API** invocation with ... VMware **Virtual Machine Interface** (VMI) provides paravirtual I/O ...

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... 3.2.2 **Virtual Machine Interface** (VMI ... the processor model to communicate with the simulation **kernel** and the ... available as a shared **object**, provide an **API** to allow ...

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... system is based on a configuration file that specifies the host pool, the **object** file to ... While MPI-1 defined a message passing **API**, it was not portable across ...

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... operating system into two parts: a small, trusted **kernel** (called the ... **API** should include a subset of the libc **API** to enable easier ... Xen **virtual machine interface** ...

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... to enforce a restricted platform **API** for paravirtualization ... Xen interface [15] and the **Virtual Machine Interface** (VMI) [16 ... to deal with basic **kernel** issues like ...

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... virtualization typically uses a higher level of **APIs** that are ... the added ben- efit that the same **kernel** can run ... 1] **Virtual Machine Interface** (VMI) Specifications ...

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... systems must be ported to run on the **virtual machine interface**. ... to hypercalls, that is, hypervisor **API** calls, in order for guest **kernels** to operate correctly ...

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... the vOS provides a unified **virtual machine interface** for the ... migration, either change the **kernel**, or application ... by using the Win32 **API** interception mechanism. ...

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... architecture. The **virtual machine interface** isolates the VMM from guest operating systems and hides a guest's internal state from the VMM. ...

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... A. MPICH-VMI **Virtual Machine Interface** [14](VMI) is a set of ... is based on vendor MPI and includes **API** library and ... There is a IP tunneling module in Linux **kernel**. ...

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... applications to the Snowflake **API** and specifications. ... between protection (implemented in **kernel** mode) and ... facilitated by a **virtual machine interface** in which ...

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... McRT supports a pthreads, OpenMP and Java **virtual machine interface**. ... The OpenMP adaptor implements the runtime **API** used by ... org) and a set of RMS **kernels** [41][52 ...

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S Biemueeller, 2006 - Citeseer

... L4 address spaces are no first class **object**; they are indirectly identified ... The L4Linux [41] system, is a para-virtualized Linux **kernel**, ported to ... **API** interface ...

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... Window NT4.0. The HAL exports a **virtual machine interface** which is used by the **kernel**, the executive ... operating environment and exports the Win32 **API** to user ...

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... Page 3. 3 Summary Recently, many distributed applications have been based on Common **Object** ... To date, most CORBA compliant **Object** Request Brokers (ORBs) have been ...

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... Mr. Judd was one of the original developers of the VSIPL **API** and participated in the development of the ... o Allocate memory for **kernels** and streams to execute ...

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... Operating system **kernels** are often called supervisor and since the virtual machine monitor resides logically below the guest operating system the term ...

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... The sun.misc.Unsafe **API**, implemented by current production virtual machines, and implemented in ... of a managed runtime, where on one hand the **object** model may ...

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... 10], Sun's MPI [12], and the **Virtual Machine Interface** (VMI) 2.0 ... closely to the

MPI-provided point-to-point **API**. ... module queries the list of **kernel** inter- faces ...

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... This **API** is utilized within the MPICH2 Device for ... any knowledge about the higher

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... that creates a standard set of application programming interfaces (**APIs**) for advanced
J ... brings all the benefits of being based on an **object**-oriented language ...

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... application programming interfaces (**APIs**) must reside ... guest operating system **kernel**,
operating system ... of the open **Virtual Machine Interface** (VMI) specification ...

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... knowledge, our system is the first to deterministically replay a multiprocessor
kernel ... surrounded all accesses to shared **objects** with per-**object** locks, logging ...

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... An example of a standardized **API** for system level operations is the ... fault tolerant
systems, since it also offers protection against **kernel** crashes, which ...
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... de- signed to provide a powerful **virtual machine interface** layered over ... system was
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... Each state models a period of time during the life of an **object** during which it satisfies certain conditions. When an event occurs ...

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... 4.1 **API** welche Implementierungen für viele Netzwerke vor- handen sind, stellt VMI 2.0 [1], die zweite Version des **Virtual Machine Interface**, eine Middleware ...

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... **API** Application Programming Interface ... OEP **Object** Engineering Process ... Cages. Hierbei handelt es sich um durch einen GeNUA-eigenen **Kernel**-Patch noch weitergehend ...

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... These **objects** can in ... The **Virtual Machine Interface** (VMI) message layer [42, 41] is designed to be ... all of the lower-level network **APIs** currently available while ...

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